## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

WO 96/27385 (51) International Patent Classification 6: (11) International Publication Number: A1 A61K 38/00, C07K 14/00, 7/50 (43) International Publication Date: 12 September 1996 (12.09.96) PCT/US96/02932 (81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, (21) International Application Number: CA, CH, CN, CZ, DE, DK, EE, ES, FL, GB, GE, HU, IS. JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, 1 March 1996 (01.03.96) (22) International Filing Date: MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN. ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (30) Priority Data: (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, 3 March 1995 (03.03.95) LIS 08/398,021 MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). (60) Parent Application or Grant (63) Related by Continuation 08/398,021 (CIP) US **Published** 3 March 1995 (03.03.95) Filed on With international search report. (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). (72) Inventors: and (75) Inventors/Applicants (for US only): BECKER, Gerald, W. [US/US]; 13877 Priscilla Place, Fishers, IN 46038 (US). HALE, John, E. [US/US]; 7644 Forest Drive, Fishers, IN 46038 (US). MACKELLAR, Warren, C. [US/US]; 7956 Edgewood Court, Plainfield, IN 46168 (US).

(54) Title: ANTI-OBESITY PROTEINS

(74) Agents: CALTRIDER, Steven, P. et al., Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

## (57) Abstract

The present invention provides anti-obesity proteins, which when administered to a patient regulate fat tissue. Accordingly, such agents allow patients to overcome their obesity handicap and live normal lives with much reduced risk for type II diabetes, cardiovascular disease and cancer.

BEST AVAILABLE COPY